

10416.105012

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In the application of:**

**Peter G. SCHULTZ et al.**

**Serial No.: 10/074,745**

**Filing Date: February 11, 2002**

**For: COMBINATORIAL SYNTHESIS OF  
NOVEL MATERIALS**

**Examiner: M. Baker**

**Group Art Unit: 1627**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**POWER OF ATTORNEY, REVOCATION OF PRIOR POWERS AND CHANGE OF  
CORRESPONDENCE ADDRESS**

**Sir:**

The Regents of the University of California, a California corporation having its place of business at 1111 Franklin Street, 12<sup>th</sup> Floor, Oakland, California 94607 and Symyx Technologies, Inc., a Delaware corporation having its place of business at 3100 Central Expressway, Santa Clara, California 95051, the assignees of the entire right, title and interest in this patent application, hereby revoke all Powers of Attorney previously granted relating to this application and appoint as their attorneys or agents, with full power of substitution, association, and revocation, to prosecute this patent application and to transact all business in the United States Patent and Trademark Office connected herewith:

Sherry M. Knowles-Registration No. 33,052  
Madeline I. Johnston-Registration No. 36,174  
Clark G. Sullivan-Registration No. 36,942

W. Scott Petty- Registration No. 35,645  
Rebecca J. Kaufman-Registration No. 44,819  
H. James J. Hawkins-Registration No. 38,913

10416.105012

Steven P. Wigmore- Registration No. 40,447	Charles E. Peeler-Registration No. 45,004
Michael S. Pavento-Registration No. 42,985	Bob Neufeld-Registration No. 48,394
Shane A. Nichols-Registration No. 43,836	Kristin Chrudimsky-Registration No. 51,561
William O. Isaacs, III-Registration No. 44,165	Stephanie D. Adams-Registration No. 47,378
Hoang Vo-Registration No. 47,158	Natasha Horne Moffitt-Registration No. 53,340
James M. Hannon-Registration No. 48,565	Charles E. Thorpe, Jr.-Registration No. 48,782

all of King & Spalding LLP, 191 Peachtree Street, Atlanta, GA 30303, telephone: (404) 572-4600, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37, Code of Federal Regulations, §3.71 provided that if any one of said attorneys or agents ceases being affiliated with the law firm of King & Spalding LLP as partner, employee or of counsel, such attorney's or agent's appointment as attorney or agent and all powers derived therefrom shall terminate on the date such attorney or agent ceases being so affiliated.

10416.105012

Also appointed are the following attorneys or agents:

Paul A. Stone (Reg. No. 38,628)      Ronald A. Krasnow (Reg. No. 33,321)

both of Symyx Technologies, Inc. at 3100 Central Expressway, Santa Clara, California 95051,  
telephone number is (408) 773-4024.

Please direct all communications related to the above-identified patent application to:

Madeline I. Johnston, Esq.  
King & Spalding  
191 Peachtree Street  
Atlanta, Georgia 30303-1763  
(404) 572-4720 office  
(404) 572-5145 facsimile

Respectfully submitted,

Dated: 5-28, 2003

  
\_\_\_\_\_  
David J. Aston, Esq.  
Chief Patent Counsel  
Lawrence Berkeley National Laboratory  
for  
The Regents of the University of California  
a California corporation  
1111 Franklin Street, 12<sup>th</sup> Floor  
Oakland, CA 94607

Dated: \_\_\_\_\_, 2003

\_\_\_\_\_  
Paul A. Stone  
Vice President and Chief Patent Counsel  
for  
Symyx Technologies, Inc.  
a Delaware corporation  
3100 Central Expressway  
Santa Clara, CA 95051

10416.105012

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)**

Applicant: Peter G. Schultz, et al.

Application No.: 10/074,745 Filed: February 11, 2002

For: Combinatorial Synthesis of Novel Materials

The Regents of the University of California, a corporation

(Name of Assignee) (Type of Assignee e.g., corporation, partnership, university, government agency, etc.)

and

Symyx Technologies, Inc., a corporation

(Name of Assignee) (Type of Assignee e.g., corporation, partnership, university, government agency, etc.)

certify that they are the assignees of the entire right, title and interest in the patent application identified above by virtue of either:

- A. An assignment from the inventor(s) of the patent application identified above. The assignments were recorded in the Patent and Trademark Office at Reel 7518, Frame 0522 and Reel 7518, Frame 0103, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

The assignees have reviewed all the documents in the chain of title of the patent application identified above and, to the best of the assignees' knowledge and belief, title is in the assignees identified above.

The undersigned (whose titles are supplied below) are authorized to act on behalf of the assignees.

Date: \_\_\_\_\_

Date: \_\_\_\_\_

*May 30, 2003*

Name: \_\_\_\_\_

Name: \_\_\_\_\_

*Paul A. Stone*

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

*V.P. & Chief Patent Counsel*

*Symyx Technologies, Inc.*

*Paul A. Stone*

3204629

Received from <404 572 5145> at 6/17/03 3:48:33 PM [Eastern Daylight Time]

10416.105012

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Peter G. SCHULTZ et al.

Serial No.: 10/074,745

Filing Date: February 11, 2002

For: COMBINATORIAL SYNTHESIS OF  
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Examiner: M. Baker

Group Art Unit: 1627

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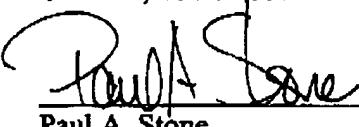
Madeline I. Johnston, Esq.  
King & Spalding  
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Atlanta, Georgia 30303-1763  
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Oakland, CA 94607

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Vice President and Chief Patent Counsel  
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3100 Central Expressway  
Santa Clara, CA 95051

PATENT APPLICATION  
Docket No. 10416.105012

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Peter G. SCHULTZ, et al.

Serial No.: 10/074,745

Filing Date: February 11, 2002

For: COMBINATORIAL SYNTHESIS OF  
NOVEL MATERIALS

Examiner: M. Baker

Group Art Unit: 1639

**CONSENT OF ASSIGNEE FOR REQUEST TO CORRECT INVENTORSHIP  
PURSUANT TO 37 C.F.R. § 1.48(a)(5)**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The Regents of the University of California, an assignee of the above-identified patent application as recorded in the Patent and Trademark Office at Reel 7518, Frame 0103, is fully aware of the request for change of inventorship, and that the corrected inventorship includes Peter G. Schultz, Xiao-Dong Xiang, Isy Goldwasser, Gabriel Briceno, Xiao-Dong Sun and Kai-An Wang. The Regents of the University of California consents to the change in inventorship to add Gabriel Briceno, Xiao-Dong Sun and Kai-An Wang.

The Regents of the University of California,

Signature: David J. Aston

Name: David J. Aston, Esq.  
Title: Chief Patent Counsel  
Lawrence Berkeley National Laboratory

Date: 5-28-03

PATENT APPLICATION  
Docket No. 10416.105012

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Peter G. SCHULTZ, et al.

Serial No.: 10/074,745

Filing Date: February 11, 2002

For: COMBINATORIAL SYNTHESIS OF  
NOVEL MATERIALS

Examiner: M. Baker

Group Art Unit: 1639

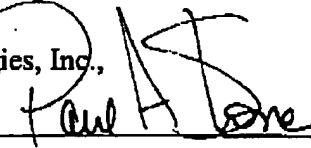
**CONSENT OF ASSIGNEE FOR REQUEST TO CORRECT INVENTORSHIP  
PURSUANT TO 37 C.F.R. § 1.48(a)(5)**

Commissioner for Patents  
Washington, D.C. 20231

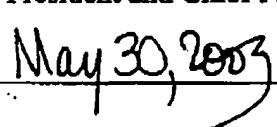
Dear Sir:

Symyx Technologies, Inc., an assignee of the above-identified patent application as recorded in the Patent and Trademark Office at Reel 7518, Frame 0522, is fully aware of the request for change of inventorship, and that the corrected inventorship includes Peter G. Schultz, Xiao-Dong Xiang, Isy Goldwasser, Gabriel Briceno, Xiao-Dong Sun and Kai-An Wang. Symyx Technologies, Inc. consents to the change in inventorship to add Gabriel Briceno, Xiao-Dong Sun and Kai-An Wang.

Symyx Technologies, Inc.

Signature: 

Name: Paul A. Stone  
Title: Vice President and Chief Patent Counsel

Date: 

PATENT  
Docket No. 220032001301

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Peter G. SCHULTZ et al.

Serial No.: 10/074,745

Filing Date: February 11, 2002

For: COMBINATORIAL SYNTHESIS OF  
NOVEL MATERIALS

Examiner: M. Baker

Group Art Unit: 1627

**STATEMENT BY XIAO-DONG SUN IN SUPPORT OF  
REQUEST TO CORRECT INVENTORSHIP  
PURSUANT TO 37 C.F.R. § 1.48(a)(2)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

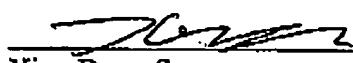
I, Xiao-Dong Sun, declare as follows:

- 1) I reside at 33288 Jamie Circle, Fremont, California 94555;
- 2) I am an inventor of the above-referenced patent application;
- 3) The error in inventorship occurred without deceptive intention on my part.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and

pa-721838

that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

  
Xiao-Dong Sun

Date: 10/27/02

Signed at location: Fremont, CA

PATENT  
Docket No. 220032001301

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Peter G. SCHULTZ et al.

Serial No.: 10/074,745

Filing Date: February 11, 2002

For: COMBINATORIAL SYNTHESIS OF  
NOVEL MATERIALS

Examiner: M. Baker

Group Art Unit: 1627

**STATEMENT BY GABRIEL BRICENO IN SUPPORT OF  
REQUEST TO CORRECT INVENTORSHIP  
PURSUANT TO 37 C.F.R. § 1.48(a)(2)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I, Gabriel Briceno, declare as follows:

- 1) I reside at 13504 Rexwood Ave., Baldwin Park, California 91706;
- 2) I am an inventor of the above-referenced patent application;
- 3) The error in inventorship occurred without deceptive intention on my part.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and

pa-721859

that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Gabriel Briceno

Date: 9/23/2002

Signed at location: Office of Blakely, Sokoff, Taylor & Zafman

PATENT  
Docket No. 220032001301

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Peter G. SCHULTZ et al.

Serial No.: 10/074,745

Filing Date: February 11, 2002

For: COMBINATORIAL SYNTHESIS OF  
NOVEL MATERIALS

Examiner: M. Baker

Group Art Unit: 1627

**STATEMENT BY KAI-AN WANG IN SUPPORT OF  
REQUEST TO CORRECT INVENTORSHIP  
PURSUANT TO 37 C.F.R. § 1.48(a)(1)**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I, Kai-An Wang, declare as follows:

- 1) I reside at 1082 West Hill Court Cupertino, California 95014;
- 2) I am an inventor of the above-referenced patent application;
- 3) The error in inventorship occurred without deceptive intention on my part.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and

pa-721859

that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



Kai-An Wang

Date: 4-18-2003

Signed at location: Cupertino, CA

PATENT  
Docket No. 220032001301

**SUBSTITUTE DECLARATION FOR UTILITY PATENT APPLICATION**

**AS BELOW-NAMED INVENTORS, WE HEREBY DECLARE THAT:**

Our residences, post office addresses, and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled: **COMBINATORIAL SYNTHESIS OF NOVEL MATERIALS**, the specification of which is attached hereto unless the following box is checked:

was filed on February 11, 2002 as United States Application Serial No. 10/074,745.

**WE HEREBY STATE THAT WE HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.**

We acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

We hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing	Priority Claimed?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

We hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date

We hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, we acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status
08/327,513	October 18, 1994	<input checked="" type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
09/127,195	July 31, 1998	<input checked="" type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date \_\_\_\_\_ Name: Peter G. Schultz  
 Residence: 1650 La Jolla Rancho Road, La Jolla, California 92037  
 Citizenship: United States of America  
 Post Office Address: 1650 La Jolla Rancho Road, La Jolla, California 92037

Date \_\_\_\_\_ Name: Xiao-Dong Xiang  
 Residence: 1036 McCauley Road, Danville, California 94526-1970  
 Citizenship: United States of America  
 Post Office Address: 1036 McCauley Road, Danville, California 94526-1970

5/1/03 Date \_\_\_\_\_ Name: Isy Goldwasser  
 Residence: 580 Arastradero Road #505, Palo Alto, California 94306  
 Citizenship: United States of America  
 Post Office Address: 580 Arastradero Road #505, Palo Alto, California 94306

Date \_\_\_\_\_ Name: Gabriel Briceno  
 Residence: 13504 Rexwood Avenue, Baldwin Park, California 91706  
 Citizenship: United States of America  
 Post Office Address: 13504 Rexwood Avenue, Baldwin Park, California 91706

Date \_\_\_\_\_ Name: Xiao-Dong Sun  
 Residence: 33288 Jamie Circle, Fremont, California 94555  
 Citizenship: People's Republic of China  
 Post Office Address: 33288 Jamie Circle, Fremont, California 94555

Date \_\_\_\_\_ Name: Kai-An WANG  
 Residence: 1082 West Hill Court Cupertino, California 95014  
 Citizenship: United States of America  
 Post Office Address: 1082 West Hill Court Cupertino, California 95014

PATENT  
Docket No. 220032001301

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Date	Name: Isy Goldwasser Residence: 580 Arastradero Road #505, Palo Alto, California 94306 Citizenship: United States of America Post Office Address: 580 Arastradero Road #505, Palo Alto, California 94306
<u>4/30/2003</u> Date	Name: <u>Gabriel Briceno</u> Residence: <u>13504 Rexwood Avenue, Baldwin Park, California 91706</u> Citizenship: United States of America Post Office Address: 13504 Rexwood Avenue, Baldwin Park, California 91706
Date	Name: Xiao-Dong Sun Residence: 33288 Jamie Circle, Fremont, California 94555 Citizenship: People's Republic of China Post Office Address: 33288 Jamie Circle, Fremont, California 94555
Date	Name: Kai-An WANG Residence: 1082 West Hill Court Cupertino, California 95014 Citizenship: United States of America Post Office Address: 1082 West Hill Court Cupertino, California 95014

PATENT  
Docket No. 220032001301

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 Citizenship: United States of America  
 Post Office Address: 1650 La Jolla Rancho Road, La Jolla, California 92037

Date Name: Xiao-Dong Xiang  
 Residence: 1036 McCauley Road, Danville, California 94526-1970  
 Citizenship: United States of America  
 Post Office Address: 1036 McCauley Road, Danville, California 94526-1970

Date Name: Isy Goldwasser  
 Residence: 580 Arastradero Road #505, Palo Alto, California 94306  
 Citizenship: United States of America  
 Post Office Address: 580 Arastradero Road #505, Palo Alto, California 94306

Date Name: Gabriel Briceno  
 Residence: 13504 Rexwood Avenue, Baldwin Park, California 91706  
 Citizenship: United States of America  
 Post Office Address: 13504 Rexwood Avenue, Baldwin Park, California 91706

Date Name: Xiao-Dong Sun  
 Residence: 33288 Jamie Circle, Fremont, California 94555  
 Citizenship: People's Republic of China  
 Post Office Address: 33288 Jamie Circle, Fremont, California 94555

4-18-2003  
  
 Date Name: Kai-An WANG  
 Residence: 1082 West Hill Court Cupertino, California 95014  
 Citizenship: United States of America  
 Post Office Address: 1082 West Hill Court Cupertino, California 95014

PATENT  
Docket No. 220032001301

**SUBSTITUTE DECLARATION FOR UTILITY PATENT APPLICATION**

**AS BELOW-NAMED INVENTORS, WE HEREBY DECLARE THAT:**

Our residences, post office addresses, and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled: **COMBINATORIAL SYNTHESIS OF NOVEL MATERIALS**, the specification of which is attached hereto unless the following box is checked:

was filed on February 11, 2002 as United States Application Serial No. 10/074,745.

**WE HEREBY STATE THAT WE HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.**

We acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

We hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing	Priority Claimed?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

We hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date

We hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, we acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

pa-721871

Application Serial No.	Filing Date	Status
08/327,513	October 18, 1994	<input checked="" type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
09/127,195	July 31, 1998	<input checked="" type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

4-18-03

Date \_\_\_\_\_  
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PATENT  
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Date	Name: Peter G. Schultz Residence: 1650 La Jolla Rancho Road, La Jolla, California 92037 Citizenship: United States of America Post Office Address: 1650 La Jolla Rancho Road, La Jolla, California 92037
4/11/03	
Date	Name: Xiao-Dong Xiang Residence: 1036 McCauley Road, Danville, California 94526-1970 Citizenship: United States of America Post Office Address: 1036 McCauley Road, Danville, California 94526-1970
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PATENT  
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5/16/03 \_\_\_\_\_ Name: Xiao-Dong Sun  
 Residence: 33288 Jamie Circle, Fremont, California 94555  
 Citizenship: People's Republic of China  
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Date \_\_\_\_\_ Name: Kai-An WANG  
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 Post Office Address: 1082 West Hill Court Cupertino, California 95014

PATENT  
Docket No. 220032001300

## ASSIGNMENT

LBNL Case No.: 1069      Symyx Ref.: 94-1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S)

### 1. Kai-An WANG

hereby sells, assign(s) and transfer(s) to ASSIGNEE, The Regents of The University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12<sup>TH</sup> Floor, Oakland, CA 94607-5200 and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

### COMBINATORIAL SYNTHESIS OF NOVEL MATERIALS

and which is found in

U.S. Patent No. 5,985,356, issued November 16, 1999

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

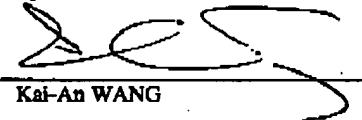
ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may necessary or desirable to carry out the purposes thereof. Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.

executed this:

18<sup>th</sup> day of April, 2002

Signature of Inventor(s)

  
Kai-An WANG

PATENT  
Docket No. 220032001300

## ASSIGNMENT

LBNL Case No.: 1069 Symyx Ref.: 94-1

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1. Xiao-Dong SUN

2. Gabriel BRICEÑO

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executed this:

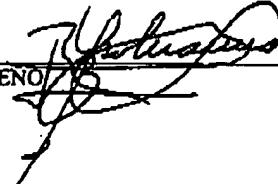
Signature of Inventor(s)

\_\_\_\_ day of \_\_\_\_\_, 2002

Xiao-Dong SUN

11<sup>th</sup> day of September, 2002

Gabriel BRICEÑO



PATENT  
Docket No. 220032001300

## ASSIGNMENT

LBNL Case No.: 1069      Symyx Ref.: 94-1

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AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.

executed this:

Signature of Inventor(s)

27 day of Oct, 2002

  
Xiao-Dong SUN

\_\_\_\_ day of \_\_\_\_\_, 2002

  
Gabriel BRICEÑO

pa-723134

10416.105012

**CERTIFICATE UNDER 37 C.F.R. 63.73(b)**

Applicant: Peter G. Schultz, et al.

Application No.: 10/074,745 Filed: February 11, 2002

For: Combinatorial Synthesis of Novel Materials

The Regents of the University of California, a corporation

(Name of Assignee) (Type of Assignee e.g., corporation, partnership, university, government agency, etc.)

and

Symyx Technologies, Inc., a corporation

(Name of Assignee) (Type of Assignee e.g., corporation, partnership, university, government agency, etc.)

certify that they are the assignees of the entire right, title and interest in the patent application identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application identified above. The assignments were recorded in the Patent and Trademark Office at Reel 7518, Frame 0522 and Reel 7518, Frame 0103, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

The assignees have reviewed all the documents in the chain of title of the patent application identified above and, to the best of the assignees' knowledge and belief, title is in the assignees identified above.

The undersigned (whose titles are supplied below) are authorized to act on behalf of the assignees.

Date: 5-26-03

Date: \_\_\_\_\_

Name: David J. Aston

Name: \_\_\_\_\_

Title: Chief Patent Counsel

Title: \_\_\_\_\_

Signature: David J. Aston

Signature: \_\_\_\_\_

Patent Department  
Lawrence Berkeley Laboratory  
One Cyclotron  
Mail Stop 90B  
Berkeley, CA 94720

3204629

Received from <404 572 5145> at 6/17/03 3:48:33 PM [Eastern Daylight Time]